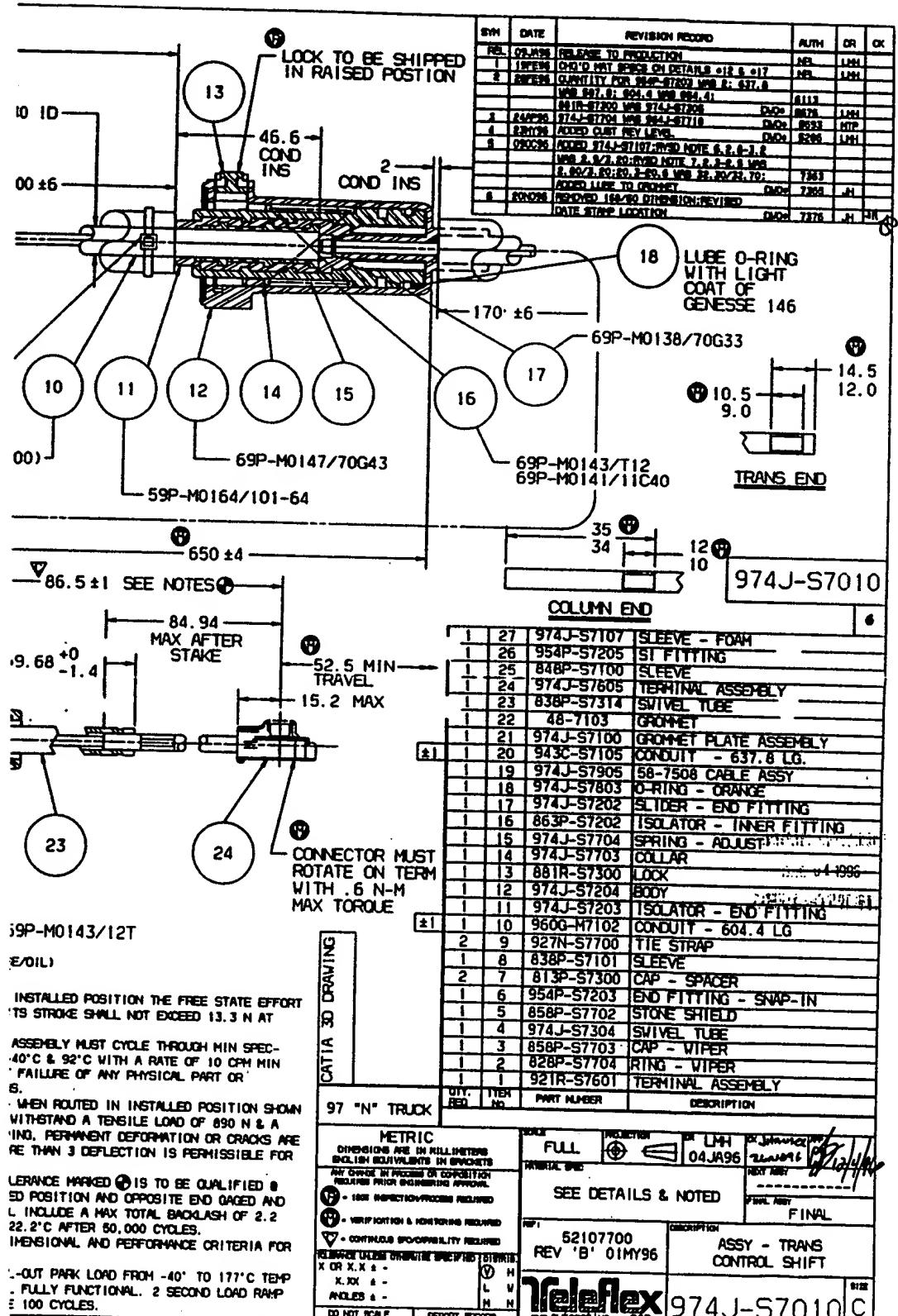
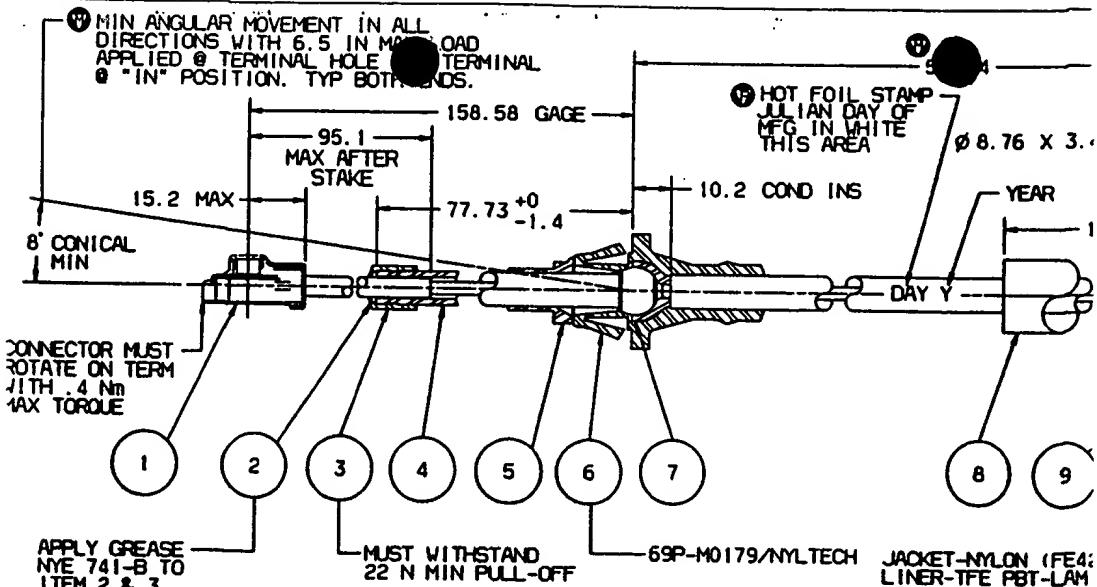
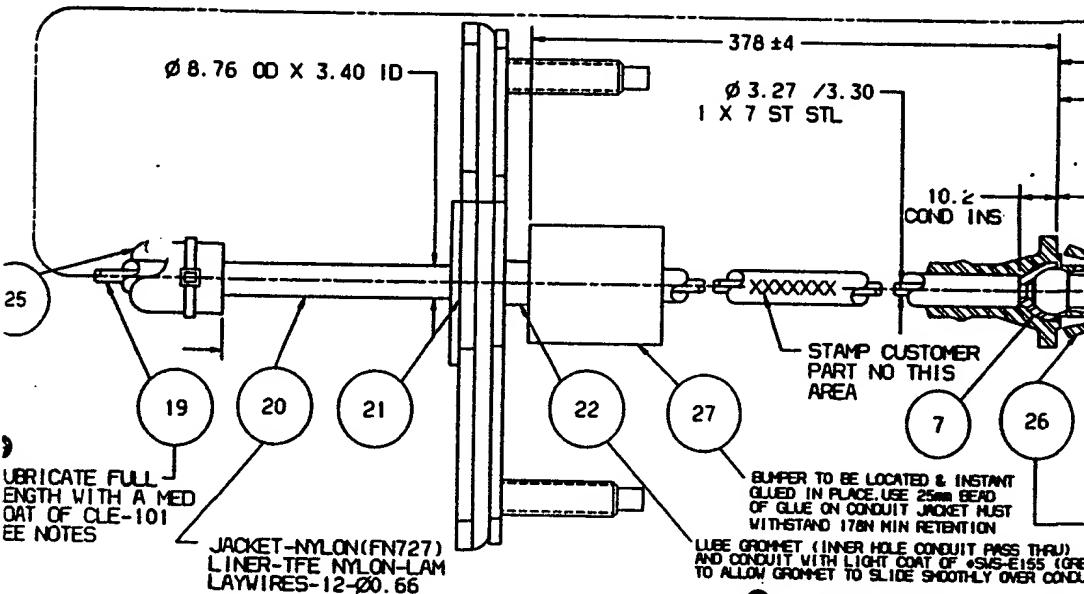


BEST AVAILABLE COPY





DO NOT ANNOTATE THIS DRAWING



1. ALL DIMENSIONS NOT TOLERANCED ARE FOR REFERENCE ONLY.
2. PROCESS CONDUIT PER ESDC-7100 BOTH ENDS.
3. CONDUIT & END FITTINGS MUST WITHSTAND 445 N TENSION & COMPRESSION WITHOUT SLIPPING OR CRACKING.
4. TERMINAL & CORE MUST WITHSTAND 890 N PULL WITHOUT SLIPPING, YIELDING, OR CRACKING.
5. CABLE MUST BE CLEAN AND FREE OF DIRT AND OTHER FOREIGN MATERIAL PRIOR TO APPLICATION OF LUBE AND INSERTION INTO CONDUIT ASSEMBLY.
6. FLOOR/COLUMN END FITTING MUST SNAP INTO Ø20.3-20.6 HOLE IN A 2.8-3.2 THK PLATE WITH A MAX FORCE OF 130 N AND WITHSTAND 450 N MIN PULLOUT LOAD.
7. TRANS END FITTING MUST SNAP INTO Ø20.3-20.6 HOLE IN A 2.30/2.50mm THK PLATE WITH A MAX FORCE OF 130 N AND WITHSTAND 450 N MIN PULLOUT LOAD.
8. BACKLASH-DIMENSION & TOLERANCE MARKED ① IS TO BE QUALIFIED @ 86.5 WITH CONDUIT ROUTED IN MANTEL APPROVED DESIGN ORIENTATION BY ENGINEER, OPPOSITE END CAGED & FIXED AT 158.58. QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH OF 2.20 FOR A 17.6 N PUSH AND PULL LOAD AT 22.2° C AND 0 CYCLES.
9. OPERATION EFFORTS - WHEN ROUTED IT IS REQUIRED TO MOVE THE CORE THROUGH 22.2° C.
10. DURABILITY - IN INSTALLED ROUTING IFIED TRAVEL FOR 50,000 CYCLES AT WITH AN OUTPUT LOAD OF 69 N WITHOUT EXCEEDING DIMENSIONAL SPECIFICATION.
11. CONSTRUCTION STRENGTH & INTEGRITY BY CUSTOMER DRAWING, ASSEMBLY MUST WITHSTAND A COMPRESSIVE LOAD OF 160 N. NO YIELD PERMISSIBLE FOR EITHER MODE, NOT 1 THE COMPRESSION MODE @ 22.2° C.
12. LIFECYCLE BACKLASH - DIMENSION & 86.5 WITH CONDUIT ROUTED IN MANTEL APPROVED DESIGN ORIENTATION BY ENGINEER, OPPOSITE END CAGED & FIXED AT 158.58, QUALIFICATION SHALL INCLUDE A 17.6 N PUSH AND PULL LOAD AT 22.2° C AND 0 CYCLES.
13. CONTROL MUST OPERATE AND MAINTAIN A TEMP RANGE OF -40° TO 350°C
14. CONTROL MUST PASS 200LB ABUSIVE PULL TEST WITH NO GAGE LENGTH CHANGE - CONTINUE UP, 1 SECOND HOLD LOAD, FULL RELEASE